

Appl. No. 10/065,655
Amdt. dated October 29, 2002
Reply to Office action of September 30, 2004

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AMENDMENTS TO THE CLAIMS

1. (original) A character transcoding method for transforming characters encoded with
5 a first character-encoding rule when input into a mobile phone, to characters
encoded with a second character-encoding rule, the method comprising the
following steps:
- (a) inputting a document into the mobile phone, wherein the document comprises
at least one character;
- 10 (b) checking a character-encoding rule of at least one character in the document;
and
- (c) transforming all the characters of the document to characters encoded with the
second character-encoding rule if the checked character in the document is
encoded with the first character-encoding rule.
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2. (original) The method of claim 1 wherein the mobile phone comprises a checking
module, in step (b) the character-encoding rule of at least one character in the
document being checked by the checking module.
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3. (original) The method of claim 1 wherein the mobile phone comprises a
character-encoding rule reference table, in step (c) the characters in the document
being transformed to characters encoded with the second character-encoding rule
according to the character-encoding rule reference table.
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4. (original) The method of claim 1 wherein the mobile phone comprises a character
encoding transforming module, in step (c) all the characters in the document being
transformed to characters encoded with the second character-encoding rule by the
character encoding transforming module.

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5. (original) The method of claim 1 wherein the first character-encoding rule is a Big-5 encoding rule for Chinese characters.
- 5 6. (withdrawn) The method of claim 1 wherein the first character-encoding rule is a GB encoding rule for Chinese characters.
7. (withdrawn) The method of claim 1 wherein the first character-encoding rule is a HZ encoding rule for Chinese and ASCII characters.
- 10 8. (original) The method of claim 1 wherein the second character-encoding rule is a Unicode encoding rule.
9. (original) The method of claim 1 wherein the mobile phone comprises a display for
15 displaying the transformed characters encoded with the second character-encoding rule.
10. (original) The method of claim 9 wherein the display is a liquid crystal display.
- 20 11. (original) The method of claim 1 wherein the document is an electronic mail.
12. (original) The method of claim 1 wherein the document is a short message for a short message service (SMS).
- 25 13. (original) The method of claim 1 wherein the mobile phone comprises a plurality of pushbuttons, in step (a) the document being inputted into the mobile phone through the pushbuttons.
14. (original) The method of claim 1 further comprising the following step:

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in step (a), inputting the document through wireless communications.

15. (original) The method of claim 1 further comprising the following step:
- 5 after performing step (c), transmitting the document encoded with the second character-encoding rule to another mobile phone through wireless communications.
16. (withdrawn) The method of claim 1 wherein the first character-encoding rule is a
- 10 Unicode encoding rule.
17. (withdrawn) The method of claim 1 wherein the second character-encoding rule is a Big-5 encoding rule for Chinese characters.
- 15 18. (withdrawn) The method of claim 1 wherein the second character-encoding rule is a GB encoding rule for Chinese characters.
19. (withdrawn) The method of claim 1 wherein the second character-encoding rule is a HZ encoding rule for Chinese and ASCII characters.

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